

Librería

Bonilla y Asociados

desde 1950



Título:

Autor:

Precio: \$1305.00

Editorial:

Año: 2011

Tema:

Edición: 1^a

Sinopsis

ISBN: 9789814324588

The Henstock-Kurzweil integral, which is also known as the generalized Riemann integral, arose from a slight modification of the classical Riemann integral more than 50 years ago. This relatively new integral is known to be equivalent to the classical Perron integral; in particular, it includes the powerful Lebesgue integral. This book presents an introduction of the multiple Henstock-Kurzweil integral. Along with the classical results, this book contains some recent developments connected with measures, multiple integration by parts, and multiple Fourier series. The book can be understood with a prerequisite of advanced calculus.

Contents:

The One-Dimensional Henstock-Kurzweil Integral

The Multiple Henstock-Kurzweil Integral

Lebesgue Integrable Functions

Further Properties of Henstock-Kurzweil Integrable Functions

The Henstock Variational Measure

Multipliers for the Henstock-Kurzweil Integral

Some Selected Topics in Trigonometric Series

Some Applications of the Henstock-Kurzweil Integral to Double Trigonometric Series